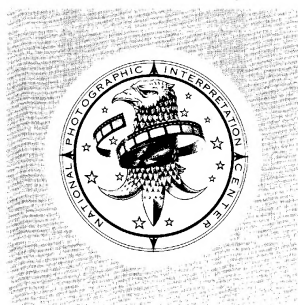


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

PHOTOGRAPHIC EXPLOITATION PRODUCTS

MONTHLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS

NOVEMBER 1972

DECLASS REVIEW BY NIMA / DoD

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**NPIC/R-36/72
DECEMBER 1972**

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

CLASSIFIED BY: 013170
Exempt from General Declassification Schedule
of E.O. 11652, Exemption Category: 5B(2)
AUTOMATICALLY DECLASSIFIED ON
DATE IMPOSSIBLE TO DETERMINE

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NPIC/R-36/72

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PHOTOGRAPHIC EXPLOITATION PRODUCTS

**MONTHLY INDEX TO
PHOTOGRAPHIC EXPLOITATION PRODUCTS
NOVEMBER 1972**

DECEMBER 1972

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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NPIC/R-36/72

25X1

TABLE OF CONTENTS

	Page
Introduction	v
Guide to Users	vii
Part I. Listing of Reports Alphabetically	1
Part II. Listing of Reports by Originator	17
Part III. Listing of Reports by General Subject	31
Part IV. Listing of Reports by Coordinates	47

- iii -

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NPIC/R-36/72

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INTRODUCTION

The Index to Photographic Exploitation Products is a guide to the contents of reports and memoranda produced by means of photographic interpretation. These are added to the Exploitation Products Data File (EPF) of the National Base of Image-Derived Information (NBIDI) when received by the National Photographic Interpretation Center (NPIC). The index includes imagery interpretation reports produced by various components of the Army, Navy, Air Force, Central Intelligence Agency, Defense Intelligence Agency [redacted] as well as those produced by NPIC. At the request of the intelligence community, this publication is compiled and published monthly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

Listed documents are on file in NPIC, and microfiche copies are available to requesters when parent organizations are unable to provide copies. Information, such as bibliographies on specific subjects, is available from the EPF to answer requests which cannot be satisfied from the PEP.

Requests for regular distribution of the PEP, for additional information from the EPF, or for microfiche copies of documents should be channeled through appropriate liaison offices located in NPIC. Organizations which do not have a liaison office in NPIC should submit the request in writing to: Chief, Planning Staff/Program Analysis Branch.

- v -

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NPIC/R-36/72

GUIDE TO USERS

The PEP consists of four indexes:

- Subject in alphabetic sequence.
- Originator in report type/number sequence.
- General category with subject in alphabetic sequence.
- Geographic coordinate sequence. (Geographic coordinates are listed where a single area is involved.)

Abstracts follow the bibliographic citations in the originator sequence.

An accession number which should be used when requesting retention copies of documents from the microfiche file is assigned to each report.

TYPICAL CITATION

	SUBJECT		COUNTRY	GEOGRAPHIC COORDINATES	
25X1A	KOUM DONG ARMY BKS + STGE DPO HQS ARMY GROUP	KN	382308N1262211E		
25X1A	WAC NO : 0380	BE/OBJ NO: []	NPIC NO : 36-C		
	IDHS CODE []	EPF CAT : 35	COMIREX NO []		
	DIA	INFR	30895-67	JUL 67	SEC CLASS: 05C MSN []
	ORIGINATOR	REPORT TYPE	REPORT NUMBER	PUBLICATION DATE	NUMBER OF PAGES
					4P

25X1A
25X1D

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NPIC/R-36/72

25X1

ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES

- BIIB - Basic Imagery Interpretation Brief
- BIIR - Basic Imagery Interpretation Report
- BREF - Photographic Interpretation Brief
- DPIR - Detailed Photographic Interpretation Report

- IIM - Imagery Interpretation Memorandum
- INFR - Inter-office Memorandum
- MCP - Mission Track
- MEMO - Memorandum

- NOTE - Photographic Interpretation Note
- REPT - Photographic Interpretation Report
- SPIR - Special Photographic Intelligence Report
- SUMP - Summary
- TP - Technical Publication

SECURITY CLASSIFICATION

- 00 - UNCLASSIFIED
- 04 - SECRET
- 05 - SECRET/
- 07 - CONFIDENTIAL
- 08 - CONFIDENTIAL

SECRET

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NPIC/R-36/72

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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

NAVY - NAVY

AEC - ATOMIC ENERGY COMMISSION

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

AF - AIR FORCE

NSA - NATIONAL SECURITY AGENCY

ARMY - ARMY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

25X1C

CIA - CENTRAL INTELLIGENCE AGENCY

SAC - SAC (544th RTS)

SAC-1 - SAC-1 (8th RTS)

DIA - DEFENSE INTELLIGENCE AGENCY (DEFENSE PRODUCTION CENTER)

SAC-2 - SAC-2 (3921 ST RTS)

SAC-C - SAC-C (15th RTS)

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

STL - SPACE TECHNOLOGY LABORATORY

SVIET - SOUTH VIETNAM (Translated PI Reports)

25X1C

JOINT - JOINT (2 or more USIB members participating)

USIB - UNITED STATES INTELLIGENCE BOARD

25X1C

25X1C

25X1C

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NPIC/R-36/72

EPF SUBJECT CATEGORIES

05 - AIR FACILITIES

Airfields, seaplane stations, detailed analyses of aircraft, storage, production, research, and related installations or equipment.

10 - AREA/COMPLEX REPORTS GENERAL

Complex studies, unidentified installations or equipment, and terrain or agriculture analyses.

13 - BIOLOGICAL/CHEMICAL WARFARE

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS

Radar and radio installations/equipment, missile-related installations/equipment, production, and detailed analyses of equipment.

30 - INDUSTRY

Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see SHIPS, SHIPYARDS, AND PORTS. For nuclear power plants, see NUCLEAR.

35 - MILITARY

Installations or equipment other than naval- or air-related, including production, testing, research, repair, and detailed analyses of equipment.

40 - MISSILES

Sites, research, production, storage, naval missile activity, and detailed analyses of equipment.

55 - NUCLEAR

Mining, production, research, testing, storage, and nuclear power plants.

60 - OVERLAYS/PLOTS

Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.

65 - RESEARCH AND DEVELOPMENT FACILITIES

Technical publications and installations not included in another subject category.

75 - SHIPS, SHIPYARDS, AND PORTS

Submarine bases, naval bases and air stations, shipyards, research, and detailed analyses of equipment.

80 - STORAGE FACILITIES (NON-MILITARY)

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE SYSTEMS

Road and rail studies, pipelines, canal systems, and detailed analyses of equipment.

FOR FURTHER INFORMATION OR EXPLANATION, PLEASE CALL THE PRODUCTION SERVICES GROUP/RESEARCH AND REFERENCE DIVISION/ INFORMATION BRANCH/Code 143, [REDACTED]

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PART I

Listing of Reports Alphabetically

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Approved For Release 2003/06/20 : CIA-RDP78B04560A007200010018-0
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Next 14 Page(s) In Document Exempt

Approved For Release 2003/06/20 : CIA-RDP78B04560A007200010018-0

PART II

Listing of Reports by Originator

Approved For Release 2003/06/20 : CIA-RDP78B04560A007200010018-0

SECRET

R-36-72

25X1

AF BIIR RFB22-5002-73 AUG 72 SEC CLASS: 04 MSN: 12P ACCN: S059663

AIRCRAFT, MIG-21 FISHBED K
WAC NO :
IDHS CODE: BE/OBJ NO : 05D NPIC NO :
COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE FISHBED K, A SINGLE-PLACE, SINGLE-ENGINE, DELTA-WING FIGHTER/INTERCEPTOR OF MIKOYAN DESIGN. THE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT. THE FISHBED K HAS A FUSELAGE LENGTH OF AND A WINGSPAN OF

25X1D

AF BIIR RFB22-5003-73 AUG 72 SEC CLASS: 04 MSN: 10P ACCN: S059664

SPACE, ELEKTRON 2
WAC NO :
IDHS CODE: BE/OBJ NO : 40H NPIC NO :
COMIREX NO:
SPACE, ELEKTRON 4
WAC NO :
IDHS CODE: BE/OBJ NO : 40H NPIC NO :
COMIREX NO:

THIS REPORT, WHICH PRESENTS A PHOTOGRAPHIC ANALYSIS OF THE ELEKTRON-2 AND ELEKTRON-4 SCIENTIFIC EXPLORATION SATELLITES, INCLUDES A BASIC DESCRIPTION, STRUCTURAL AND MENSURAL ANALYSIS, ENGINEERING DRAWINGS, AND REPRESENTATIVE PHOTOGRAPHY. SINCE THE ELEKTRON-2 AND ELEKTRON-4 SATELLITES ARE CONSIDERED TO BE CONFIGURATIVELY IDENTICAL, THE ELEKTRON-2 WILL SERVE AS THE REFERENCE VEHICLE FOR DESCRIPTIVE PURPOSES WITHIN THIS REPORT. THE ELEKTRON-2 SATELLITE, AS DISPLAYED, CONSISTS OF A CENTRAL CANISTER LONG BY IN DIAMETER ENCLOSED BY A TWELVE-SIDED EXTERIOR FAIRING WHICH INCORPORATES THE SOLAR CELL POWER SYSTEM AND THE TEMPERATURE CONTROL SYSTEM. THE AFT END OF THE EXTERIOR FAIRING FLARES TO A MAXIMUM DIAMETER OF WITH THE ANTENNAS AND SENSORS DEPLOYED AS DISPLAYED, THE ELEKTRON-2 HAS A MAXIMUM OVERALL LENGTH OF

25X1D

25X6

17
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25X1

SECRET

R-36-72

25X6
25X1

25X1A

AIRCRAFT, AN-22 COCK WING
WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

AF ENDR C3017-72 22 SEP 72 SEC CLASS: 04 MSN: 1P

ACCN: S059666

25X1

AIRCRAFT, TU-95 BEAR C SAMPLING POD
WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

AF ENDR C3018-72 22 SEP 72 SEC CLASS: 04 MSN: 1P

ACCN: S059667

25X1

AIRCRAFT, TU-95 BEAR C U/I POD
WAC NO :
IDHS CODE:

BE/OBJ NO: [REDACTED]
EPF CAT : 05D

UR
NPIC NO :
COMIREX NO:

18
SECRET

25X1

SECRET

R-36-72

25X1

AF ENDR D3020-72 14 SEP 72 SEC CLASS: 04 MSN: 1P ACCN: S059669

25X1A AIRCRAFT, TU-95 BEAR A WING PROFILES UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:
AIRCRAFT, TU-95 BEAR F WING PROFILES UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO:

AF REPT 15-72 14 AUG 72 SEC CLASS: 07 MSN: 3P ACCN: S059381

25X1A BYDG0SZCZ AIRFIELD HANGARETTES U/C COVER NEW PL 530548N 0175843E
WAC NO : 0169 BE/OBJ NO: NPIC NO : - 20-A
25X1A IDHS CODE: EPF CAT : 05A COMIREX NO: 25X1A

AF REPT 16-72 11 SEP 72 SEC CLASS: 05B MSN: 6P ACCN: S059554

25X1A AIRCRAFT, BACKFIRE A UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 05D COMIREX NO: 25X6

25X1A MISSILES, SS-N-5 ACCELERATION PROFILE UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 406 COMIREX NO:

AF REPT 20-72 31 AUG 72 SEC CLASS: 05 MSN: 2P ACCN: S059557

25X1A SHIPS, SS0CS CLASS YURI GAGARIN ANTENNA ANAL UR
WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

AF REPT 21-72 28 AUG 72 SEC CLASS: 07 MSN: 2P ACCN: S059556

SPACE, LIFE SUPPORT CANISTERS UR

19
SECRET

25X1

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R-36-72

25X1

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 40H COMIREX NO:

ARMY BIIB BAC24-5004-73 OCT 72 SEC CLASS: 04 MSN: 1P ACCN: S059539

MILITARY, M-56 105MM HOWITZER

YO

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS BRIEF DESCRIBES THE YUGOSLAVIAN 105 MM HOWITZER M-56. THE HOWITZER HAS A SINGLE TUBE AND A SINGLE-AXLED CARRIAGE. THE BRIEF INCLUDES AN INTRODUCTION, A BASIC DESCRIPTION OF THE WEAPON, PHOTOGRAPHY, AND A TABLE OF DIMENSIONS AND PERFORMANCE DATA. INFORMATION IS CURRENT

25X1D

ARMY BIIR RAC24-5001-73 SEP 72 SEC CLASS: 05 MSN: 11P ACCN: S059679

MILITARY, M-46 130MM FIELD GUN

UR

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS REPORT, BASED PRIMARILY ON LARGE-SCALE GROUND PHOTOGRAPHY, IS A BASIC DESCRIPTION OF THE SOVIET 130-MM FIELD GUN M-46 AND ITS GENERAL EMPLOYMENT. THIS WEAPON IS USED AGAINST TANKS, GUN EMPLACEMENTS, BRIDGES, PERMANENT INSTALLATIONS AND PERSONNEL. IN SOVIET FORCES THE AT-S AND AT-T TRACKED ARTILLERY TRACTORS ARE NORMALLY USED TO TOW THIS WEAPON. TWO TRANSPORT HELICOPTERS, THE MI-6(HOOK) AND THE MI-10(HARKE), AND THE FIXED-WING AN-22(COCK) ASSAULT TRANSPORT CAN LIFT THIS WEAPON. INCLUDED IN THIS REPORT ARE ANNOTATED PHOTOGRAPHS, DETAILED LINE DRAWINGS WITH DIMENSIONS, AND A LIST OF THE IMAGERY AND DOCUMENTS USED IN COMPILING THE REPORT. THE INFORMATION IS THE BEST AVAILABLE

25X1D

ARMY BIIR RAC24-5002-73 AUG 72 SEC CLASS: 04 MSN: 11P ACCN: S059509

MILITARY, D-30 122MM HOWITZER

UR

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS REPORT, BASED PRIMARILY ON A STUDY OF LARGE-SCALE GROUND PHOTOGRAPHY, IS A BASIC DESCRIPTION OF THE SOVIET 122 MM HOWITZER D-30 AND ITS GENERAL EMPLOYMENT. THIS WEAPON WAS DESIGNED FOR INDIRECT FIRE BUT IT CAN BE USED IN A DIRECT-FIRE SUPPORT ROLE. WHEN DEPLOYED BY SOVIET FORCES, THE WEAPON MAY BE TOWED BY THE AT-P, THE AT-L, OR THE AT-L (MODIFIED) TRACKED ARTILLERY TRACTORS. THE K-61 AND PTS AMPHIBIOUS TRANSPORTERS, THE MI-6 AND MI-10 HELICOPTERS, AND THE AN-8, AN-12, OR AN-22 FIXED-WING AIRCRAFT CAN TRANSPORT THE D-30. INCLUDED IN THE REPORT ARE ANNOTATED PHOTOGRAPHS, DETAILED LINE DRAWINGS WITH DIMENSIONS, AND A LIST OF THE IMAGERY AND DOCUMENTED REFERENCES USED. THE INFORMATION COMPILED IN THIS REPORT IS CURRENT

25X1D

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SECRET

R-36-72

25X1

ARMY BIIR RAC24-5003-73 SEP 72 SEC CLASS: 04 MSN: 16P ACCN: S059508

25X1A

MILITARY, T-60/T-63 AMPHIBIOUS LIGHT TANK CH
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, PT-76 AMPHIBIOUS LIGHT TANK
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1

THIS REPORT, BASED ON GROUND AND AERIAL PHOTOGRAPHY AND RELATED COLLATERAL MATERIAL, IS A DETAILED DESCRIPTION OF THE SOVIET PT-76 AMPHIBIOUS LIGHT TANK. IN ADDITION, THERE IS A PRESENTATION OF THE LIMITED INFORMATION CURRENTLY AVAILABLE ON THE CHINESE-PRODUCED TYPE 60/63 AMPHIBIOUS LIGHT TANK. ALSO INCLUDED IN THE REPORT ARE PHOTOGRAPHS, LINE DRAWINGS SHOWING DIMENSIONS, A CHARACTERISTICS TABLE, AND AN IMAGERY AND DOCUMENTS REFERENCE SECTION. INFORMATION COMPILED FOR THIS REPORT IS CURRENT

25X1D

ARMY BIIR RAC24-5004-73 SEP 72 SEC CLASS: 08M MSN: 5P ACCN: S059678

25X1A

MILITARY, ZIL-130 CARGO TRUCK + VARIANTS UR
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS REPORT, BASED ON HIGH-RESOLUTION, LOW-ALTITUDE AERIAL AND GROUND PHOTOGRAPHY AND COLLATERAL REPORTS, IS A DESCRIPTION OF THE ZIL-130 4X2, 5.5-METRIC TON CARGO TRUCK. A PHYSICAL AND FUNCTIONAL DESCRIPTION AND LINE DRAWINGS WITH DIMENSIONS ARE INCLUDED. ALSO CONTAINED IN THE REPORT ARE VARIANTS OF THE BASIC ZIL-130 TRUCK. THE INFORMATION CONTAINED IN THIS REPORT IS CURRENT

25X1D

ARMY BIIR RAC24-5005-73 SEP 72 SEC CLASS: 07 MSN: 9P ACCN: S059603

25X1A

MILITARY, KRAZ-214 CARGO TRUCK 6X6 UR
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:
 MILITARY, KRAZ-219 CARGO TRUCK 6X4 MODIF UR
 WAC NO : BE/OBJ NO : NPIC NO :
 IDHS CODE: EPF CAT : 35E COMIREX NO:

25X1A

THIS REPORT, BASED ON GROUND PHOTOGRAPHY AND DOCUMENTED REPORTS, IS A DETAILED DESCRIPTION OF THE KRAZ-214, 6X6, 7.5-METRIC TON HEAVY DUTY CARGO TRUCK AND THE KRAZ-219, 6X4, 12-METRIC TON HEAVY DUTY CARGO TRUCK. ALSO INCLUDED ARE THE MODIFICATIONS TO THESE BASIC VEHICLES. PHYSICAL AND FUNCTIONAL DESCRIPTIONS, ANNOTATED PHOTOGRAPHY, AND LINE DRAWINGS WITH DIMENSIONS ARE ALSO INCLUDED IN THIS REPORT. THE INFORMATION CONTAINED IN THIS REPORT IS CURRENT

25X1D

ARMY BIIR RAC24-5007-73 SEP 72 SEC CLASS: 04 MSN: 9P ACCN: S059602

21
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R-36-72

25X1

MILITARY, OT-64 APC AMPHIBIOUS

WAC NO :
IDHS CODE:BE/OBJ NO :
EPF CAT : 35E

PO

NPIC NO :
COMIREX NO:

MILITARY, OT-64 APC AMPHIBIOUS

WAC NO :
IDHS CODE:BE/OBJ NO :
EPF CAT : 35E

CZ

NPIC NO :
COMIREX NO:

THIS REPORT, BASED ON GROUND PHOTOGRAPHY, IS A DETAILED DESCRIPTION OF THE CZECH/POLISH OT-64 AMPHIBIOUS ARMORED PERSONNEL CARRIER. IT WAS FIRST SIGHTED IN CZECHOSLOVAKIA IN [REDACTED] INCLUDED ARE A PHYSICAL DESCRIPTION OF THE VEHICLE, PHOTOGRAPHS, LINE DRAWINGS WITH DIMENSIONS, A DESCRIPTION OF THE VEHICLE'S FUNCTIONS, AND REFERENCE DATA. ALSO INCLUDED IS A MODIFICATION TO THE BASIC VEHICLE WHICH APPEARED IN [REDACTED] THE OT-64B. THE INFORMATION CONTAINED IN THIS REPORT IS CURRENT [REDACTED]

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25X1D

ARMY BIIR RAC24-5009-73

SEP 72

SEC CLASS: 08B MSN:

9P

ACCN: S059604

MILITARY, GAZ/UAZ-69 UTILITY/RECON TRUCK

WAC NO :
IDHS CODE:BE/OBJ NO :
EPF CAT : 35E

UR

NPIC NO :
COMIREX NO:

THIS REPORT, BASED ON HIGH-RESOLUTION, LOW-ALTITUDE, AERIAL AND GROUND PHOTOGRAPHY, AND COLLATERAL REPORTS, IS A DESCRIPTION OF THE 4 X 4, 0.5-METRIC TON GAZ/UAZ-69 UTILITY TRUCK AND THE 4 X 4, 0.45-METRIC TON GAZ/UAZ-69A COMMAND RECONNAISSANCE TRUCK. THESE TRUCKS MAY BE REFERRED TO AS EITHER A GAZ OR A UAZ. PHYSICAL AND FUNCTIONAL DESCRIPTIONS, LINE DRAWINGS WITH DIMENSIONS, ANNOTATED PHOTOGRAPHS OF EACH VEHICLE, AND A LIST OF DOCUMENTED REFERENCES ARE INCLUDED IN THE REPORT. THE INFORMATION CONTAINED IN THE REPORT IS CURRENT [REDACTED]

ARMY INFR 162-72

AUG 72

SEC CLASS: 05F MSN:

14P

ACCN: S059391

MILITARY, BAT M DOZER BLADES + SUPPORT ASBLY

WAC NO :
IDHS CODE:BE/OBJ NO :
EPF CAT : 35E

UR

NPIC NO :
COMIREX NO:

THIS REPORT CONTAINS A DESCRIPTION OF THE BLADE AND PUSH BAR ASSEMBLY OF THE BAT-M DOZER AND AN EXPLANATION OF THE METHOD OF DISASSEMBLY AND TRAVEL STOWAGE. INCLUDED IN THE REPORT ARE GROUND AND AERIAL HAND HELD PHOTOGRAPHS AND LINE DRAWINGS DERIVED FROM THESE PHOTOGRAPHS.

CIA INFR RSD520-72 20 SEP 72

SEC CLASS: 05 MSN: [REDACTED]

9P

25X1D

ACCN: S060901

HA NOI/THANH HOA RAIL LINE BOMB DAMAGE

WAC NO : 0616
IDHS CODE:BE/OBJ NO :
EPF CAT : 85B

VN 2059//N 10551//E

NPIC NO :
COMIREX NO:22
SECRET

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R-36-72

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	THANH HOA/HA NOI RAIL LINE BOMB DAMAGE	VN	194842N 1054700E				
	WAC NO : 0617	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 85B	COMIREX NO:				
CIA	INFR	RSD522-72 22 SEP 72	SEC CLASS: 05	MSN		6P	25X1D ACCN: S060905
	TRANSPORTATION, ROADS BOMB DAMAGE	VN					
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 85A	COMIREX NO:				
CIA	INFR	RSD523-72 21 SEP 72	SEC CLASS: 05	MSN		10P	25X1D ACCN: S060909
	TRANSPORTATION, RAIL LINES BOMB DAMAGE	VN					
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 85B	COMIREX NO:				
CIA	INFR	RSD527-72 22 SEP 72	SEC CLASS: 05	MSN:		5P	ACCN: S060908
	MILITARY, LOGISTICS ACTIVITY	VN					
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 35	COMIREX NO:				
CIA	INFR	RSD528-72 22 SEP 72	SEC CLASS: 05	MSN		9P	25X1D ACCN: S060904
	TRANSPORTATION, LOGISTICS ACTIVITY WATERBORNE	CH					
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 85	COMIREX NO:				
	TRANSPORTATION, LOGISTICS ACTIVITY WATERBORNE	VN					
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 85	COMIREX NO:				
CIA	INFR	RSD529-72 22 SEP 72	SEC CLASS: 05	MSN		9P	25X1D ACCN: S060906
	SHIPS, MERCHANT SHIPPING + PORT CONSTRUCTION	VN					
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 75	COMIREX NO:				
CIA	INFR	RSD530-72 22 SEP 72	SEC CLASS: 05	MSN		10P	25X1D ACCN: S060918
	TRANSPORTATION, LOGISTICS ACTIVITY WATERBORNE	VN					
	WAC NO :	BE/OBJ NO:	NPIC NO :				
	IDHS CODE:	EPF CAT : 85	COMIREX NO:				

23
SECRET

25X1

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R-36-72

25X1

CIA	INFR	RSD531-72	22 SEP 72	SEC CLASS: 05	MSN		4P	25X1D	ACCN: S060907
MILITARY, LOGISTICS ACTIVITY				VN					
WAC NO : 0617				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 35		COMIREX NO:			
CIA	INFR	RSD534-72	25 SEP 72	SEC CLASS: 05	MSN		5P	25X1D	ACCN: S060928
THANH HOA/VINH RAIL LINE LOGISTICS ACTIVITY				VN 194842N 1054700E					
WAC NO : 0617				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 85B		COMIREX NO:			
VINH/THANH HOA RAIL LINE LOGISTICS ACTIVITY				VN 183958N 1054035E					
WAC NO : 0617				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 85B		COMIREX NO:			
CIA	INFR	RSD540-72	27 SEP 72	SEC CLASS: 05	MSN		20P	25X1D	ACCN: S060929
TRANSPORTATION, ROADS BOMB DAMAGE				VN					
WAC NO :				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 85A		COMIREX NO:			
CIA	INFR	RSD541-72	28 SEP 72	SEC CLASS: 05	MSN		11P	25X1D	ACCN: S060931
TRANSPORTATION, RAIL LINES BOMB DAMAGE				VN					
WAC NO :				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 85B		COMIREX NO:			
CIA	INFR	RSD543-72	28 SEP 72	SEC CLASS: 05	MSN		6P	25X1D	ACCN: S060930
TRANSPORTATION, ROADS + VEH PARKS BOMB DAMAGE				VN					
WAC NO :				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 85A		COMIREX NO:			
CIA	INFR	RSD544-72	28 SEP 72	SEC CLASS: 05	MSN		9P	25X1D	ACCN: S060934
THANH HOA/HA NOI RAIL LINE LOGISTICS ACTIVITY				VN 194842N 1054700E					
WAC NO : 0617				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 85B		COMIREX NO:			
HA NOI/THANH HOA RAIL LINE LOGISTICS ACTIVITY				VN 2059//N 10551//E					
WAC NO : 0617				BE/OBJ NO:		NPIC NO :			
IDHS CODE:				EPF CAT : 85B		COMIREX NO:			

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CIA	INFR	RSD546-72	28 SEP 72	SEC CLASS: 05	MSN		9P	25X1D	ACCN: S060953
		TRANSPORTATION, RAIL BORDER CROSSING FACILS		VN					
		WAC NO :	BE/OBJ NO:	NPIC NO :					
		IDHS CODE:	EPF CAT : 85B	COMIREX NO:					
		TRANSPORTATION, RAIL BORDER CROSSING FACILS		CH					
		WAC NO :	BE/OBJ NO:	NPIC NO :					
		IDHS CODE:	EPF CAT : 85B	COMIREX NO:					
CIA	INFR	RSD548-72	29 SEP 72	SEC CLASS: 05	MSN		12P	25X1D	ACCN: S060939
		TRANSPORTATION, RAIL LINES LOGISTICS ACTIVITY		VN					
		WAC NO :	BE/OBJ NO:	NPIC NO :					
		IDHS CODE:	EPF CAT : 85B	COMIREX NO:					
CIA	INFR	RSD551-72	02 OCT 72	SEC CLASS: 05	MSN		7P	25X1D	ACCN: S060937
		TRANSPORTATION, LOGISTICS ACTIVITY		VN					
		WAC NO :	BE/OBJ NO:	NPIC NO :					
		IDHS CODE:	EPF CAT : 85	COMIREX NO:					
CIA	INFR	RSD552-72	02 OCT 72	SEC CLASS: 05	MSN		7P	25X1D	ACCN: S060936
		TRANSPORTATION, RAIL LINES BOMB DAMAGE		VN					
		WAC NO :	BE/OBJ NO:	NPIC NO :					
		IDHS CODE:	EPF CAT : 85B	COMIREX NO:					
CIA	INFR	RSD557-72	02 OCT 72	SEC CLASS: 05	MSN		21P	25X1D	ACCN: S060956
		TRANSPORTATION, RAIL LINES LOG ACT + BOMB DMG		VN					
		WAC NO :	BE/OBJ NO:	NPIC NO :					
		IDHS CODE:	EPF CAT : 85B	COMIREX NO:					
CIA	INFR	RSD558-72	02 OCT 72	SEC CLASS: 05	MSN		17P	25X1D	ACCN: S060957
		SHIPS, MERCHANT SHIPPING + PORT CONSTRUCTION		VN					
		WAC NO :	BE/OBJ NO:	NPIC NO :					
		IDHS CODE:	EPF CAT : 75	COMIREX NO:					
CIA	INFR	RSD560-72	04 OCT 72	SEC CLASS: 05	MSN		15P	25X1D	ACCN: S060946

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	TRANSPORTATION, RAIL LINES BOMB DAMAGE	VN			
	WAC NO :	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 85B	COMIREX NO:		
CIA	INFR	RSD561-72 04 OCT 72	SEC CLASS: 05	MSN [] 19P	25X1D ACCN: S060958
	SHIPS, MERCHANT SHIPPING + PORT CONSTRUCTION	VN			
	WAC NO :	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 75	COMIREX NO:		
CIA	INFR	RSD563-72 04 OCT 72	SEC CLASS: 05	MSN [] 23P	25X1D ACCN: S060947
	TRANSPORTATION, RAIL LINES BOMB DAMAGE	VN			
	WAC NO :	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 85B	COMIREX NO:		
CIA	INFR	RSD564-72 05 OCT 72	SEC CLASS: 05	MSN [] 8P	25X1D ACCN: S060948
	MILITARY, LOGISTICS ACTIVITY	VN			
	WAC NO :	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 35	COMIREX NO:		
CIA	INFR	RSD565-72 05 OCT 72	SEC CLASS: 05	MSN [] 11P	25X1D ACCN: S060952
	TRANSPORTATION, ROADS LOGISTIC ACT + BOMB DMG	VN			
	WAC NO :	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 85A	COMIREX NO:		
CIA	INFR	RSD567-72 05 OCT 72	SEC CLASS: 05	MSN [] 6P	25X1D ACCN: S060949
	DONG DANG/HA NOI RAIL LINE BOMB DAMAGE	VN 215629N 1064209E			
	WAC NO : 0616	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 85B	COMIREX NO:		
	HA NOI/DONG DANG RAIL LINE BOMB DAMAGGE	VN 210300N 1055308E			
	WAC NO : 0616	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 85B	COMIREX NO:		
CIA	INFR	RSD568-72 06 OCT 72	SEC CLASS: 05	MSN [] 9P	25X1D ACCN: S060965
	THANH HOA/HA NOI RAIL LINE LOG ACT + BOMB DMG	VN 194842N 1054700E			
	WAC NO : 0617	BE/OBJ NO:	NPIC NO :		
	IDHS CODE:	EPF CAT : 85B	COMIREX NO:		

26
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HA NOI/THANH HOA RAIL LINE LOG ACT + BOMB DMG
WAC NO : 0616 BE/OBJ NO:
IDHS CODE: EPF CAT : 85B

VN 2059//N 10551//E
NPIC NO :
COMIREX NO:

CIA INFR RSD569-72 10 OCT 72

SEC CLASS: 05 MSN: 11P

25X1D ACCN: S060973

TRANSPORTATION, RAIL LINES LOG ACT + BOMB DMG
WAC NO : BE/OBJ NO:
IDHS CODE: EPF CAT : 85B

VN
NPIC NO :
COMIREX NO:

CIA INFR RSD581-72 12 OCT 72

SEC CLASS: 05 MSN: 9P

25X1D ACCN: S060979

THANH HOA/HA NOI RAIL LINE LOG ACT + BOMB DMG
WAC NO : 0617 BE/OBJ NO:
IDHS CODE: EPF CAT : 85B
HA NOI/THANH HOA RAIL LINE LOG ACT + BOMB DMG
WAC NO : 0616 BE/OBJ NO:
IDHS CODE: EPF CAT : 85B

VN 194842N 1054700E
NPIC NO :
COMIREX NO:
VN 2059//N 10551//E
NPIC NO :
COMIREX NO:

CIA INFR RSD592-72 17 OCT 72

SEC CLASS: 05 MSN: 7P

25X1D ACCN: S060991

TRANSPORTATION, RAIL BORDER CROSSING FACILS
WAC NO : BE/OBJ NO:
IDHS CODE: EPF CAT : 85B
TRANSPORTATION, RAIL BORDER CROSSING FACILS
WAC NO : BE/OBJ NO:
IDHS CODE: EPF CAT : 85B

VN
NPIC NO :
COMIREX NO:
CH
NPIC NO :
COMIREX NO:

DIA BIIR RDA10-5004-73 SEP 72

SEC CLASS: 05X MSN: 4P

25X1D ACCN: S059405

HA NOI PRISON HA LO + POW CAMP N-43
WAC NO : 0616 BE/OBJ NO:
IDHS CODE: EPF CAT : 35A

VN 210126N 1055101E
NPIC NO : - 113-61
COMIREX NO:

25X1A

THIS REPORT IS A DETAILED, IMAGERY-DERIVED ANALYSIS OF HA NOI PRISON HA LO AND PW CAMP N-43 LOCATED IN HA NOI (HANOI), NORTH VIETNAM. THE INSTALLATION OCCUPIED A TRAPAZOIDAL CITY BLOCK, ENCOMPASSES APPROXIMATELY 2.6 ACRES, AND CONTAINS 44 BUILDINGS FOR PRISONER DETENTION, ADMINISTRATION, AND SUPPORT. IN ADDITION, THE AREA CONTAINS SEVEN EARTH-COVERED BOMB SHELTERS, FOUR GUARD TOWERS, A SECURITY BUILDING, AND A WATER TANK. THIS INFORMATION IS PRESENTED IN GRAPHIC, TEXTUAL, AND TABULAR FORM. IT INCLUDES A MAP, TWO ANNOTATED PHOTOGRAPHS, AND A LINE DRAWING. A TABLE PROVIDES FUNCTIONAL AND DIMENSIONAL DATA AND A REFERENCE DATA LIST FURNISHES IMAGERY, MAP, AND DOCUMENTARY SOURCES.

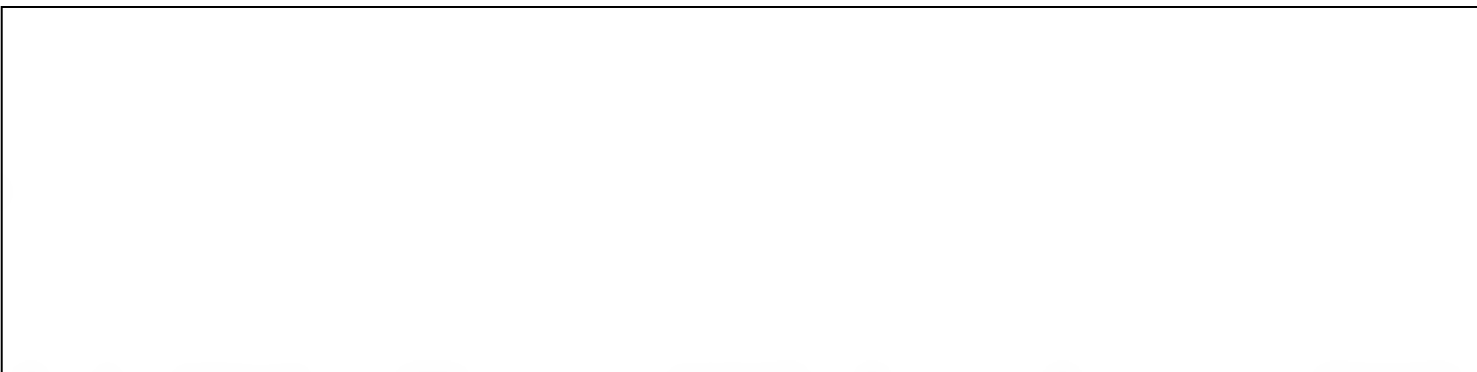
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R-36-72

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NAVY BIIR RN623-5002-73 AUG 72 SEC CLASS: 04 MSN: 15P ACCN: S059601

25X1A SHIPS, YPT CLASS POLUCHAT 2 WAC NO : BE/OBJ NO NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:
25X1 SHIPS, YPT CLASS POLUCHAT 3 WAC NO : BE/OBJ NO NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:
25X1 SHIPS, PB CLASS POLUCHAT 1 WAC NO : BE/OBJ NO NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:
25X1 SHIPS, YPT CLASS POLUCHAT 1 WAC NO : BE/OBJ NO NPIC NO :
IDHS CODE: EPF CAT : 75D COMIREX NO:

25X1D THIS REPORT PROVIDES A DETAILED IMAGERY-DERIVED ANALYSIS OF THE POLUCHAT-1 CLASS PATROL BOAT (PB) AND
25X1D POLUCHAT TROPEDO RETRIEVER (YPT), CLASSES 1 THROUGH 3. THE REPORT INCLUDES BASIC DIMENSIONAL
CHARACTERISTICS, ELECTRONIC INVENTORIES, ANNOTATED PHOTOGRAPHIC ILLUSTRATIONS, PROVISIONAL SCALE DRAWINGS,
AND REFERENCE DATA. ALL POLUCHAT CLASS UNITS EXCEPT THE POLUCHAT-3 CLASS ARE IN
LENGTH AND HAVE A BEAM OF THE POLUCHAT-3 CLASS IS IN LENGTH
WITH A BEAM OF THE MOST PROMINENT FEATURE OF THE POLUCHAT-1 CLASS PB AND POLUCHAT-1
AND 2 CLASS YPT'S IS A WEATHER DECK WITH A LARGE DECKHOUSE POSITIONED AT THE CENTER POINT OF THE DECK. IN
ADDITION, THE PATROL BOAT HAS A 14.5 MM. AA GUN LOCATED BETWEEN THE BOW AND DECKHOUSE. THE MAJOR FEATURE
OF THE POLUCHAT-3 CLASS YPT IS A GOALPOST KING POST WITH A TOPMAST CRANE FITTED ABAFT THE DECKHOUSE. THIS

28
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CLASS TENDS TO OPERATE IN MORE SHELTERED WATER DUE TO ITS SIZE AND MISSION. THE INTELLIGENCE CUTOFF DATE
FOR THIS REPORT

PHOTO, IMAGE COMPARISON MICROSTEREOSCOPE EVAL

WAC NO : BE/OBJ NO: NPIC NO :
IDHS CODE: EPF CAT : 65 COMIREX NO:

THE IMAGE COMPARISON MICROSTEREOSCOPE (ICM) WAS TESTED AND EVALUATED AT NPIC BETWEEN AUGUST 1971 AND MAY 1972. ACCEPTANCE TESTS, OPERATIONAL EVALUATIONS, ENGINEERING EVALUATION, AND VIEWING MODE EVALUATION WERE CONDUCTED WITHIN THIS TIME PERIOD. THE INSTRUMENT PROVIDED ALL VIEWING MODES THAT WERE REQUIRED BY THE SPECIFICATION. THE OPTICAL SYSTEM PERFORMED WELL. THE INSTANCES IN WHICH THE ICM DID NOT MEET OPTICAL SPECIFICATIONS DID NOT APPEAR TO HAMPER THE USE OF THE INSTRUMENT BY PI'S IN THEIR EVALUATION OF ITS OPERATIONAL CAPABILITY. SOME HUMAN-FACTOR DEFICIENCIES WERE NOTED WHICH WOULD BE CORRECTED IN FUTURE INSTRUMENTS. THE ICM EXHIBITED REASONABLE RELIABILITY AND PRESENTS NO PROBLEMS TO INTERNAL, ROUTINE MAINTENANCE WITH THE EXCEPTION OF DRIVE BELTS FOR SOME OF THE OPTICAL SWITCHES.

PHOTO, STEREO COMPARATOR TYPE 1740A
WAC NO : BE/OBJ NO:

29
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PART III

Listing of Reports by General Subject

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PART IV

Listing of Reports by Coordinates

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